

Converting Colors

XYZ(39.1804, 19.0573, 53.3812)

Have a look what the booklet for
XYZ(39.1804, 19.0573, 53.3812)
contains.

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Color

**XYZ(39.0637, 19.0002,
53.2383)**

Conversions

Conversions Part 1

Format	Color
Hex	DB00C3
RGB	219, 0, 195
RGB Percent	86%, 0%, 76%
CMY	0.1412, 0.9999, 0.2353
CMYK	0.00, 1.00, 0.11, 0.14
HSL	307°, 100%, 43%
HSV	307°, 100%, 86%
XYZ	39.0637, 19.0002, 53.2383
YIQ	87.7110, 67.9290, 107.0730

Conversions

Conversions Part 2

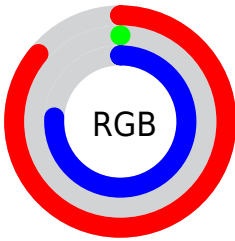
Format	Color
R_{YB}	219, 0, 195
Decimal	14352579
CIE _{Lab}	50.69, 84.30, -42.58
CIE _{LCh}	51, 94.447, 333.200
Yxy	19.0002, 0.3510, 0.1707
Android (android.graphics.Color)	4292542659 (0xFFDB00C3)
YUV	87.7110, 52.8935, 115.1405
Hunter-Lab	43.5892, 83.6866, -41.9022

Details

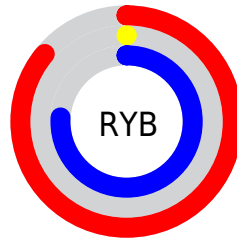
The XYZ color **39.0637, 19.0002, 53.2383** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **25.4974, 50.7298, 9.3142**, and the grayscale version is **9.0961, 9.5699, 10.4216**.

A 20% lighter version of the original color is **62.9029, 36.4727, 95.8200**, and **19.1058, 9.2940, 25.9862** is the 20% darker color. If you saturate the color by 10%, you get **39.0635, 19.0001, 53.2361**, and if you desaturate by 10%, it is **39.6234, 19.6812, 54.7749**.

Distribution



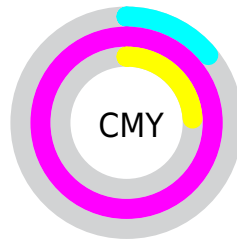
- Red (86%)
- Green (0%)
- Blue (76%)



- Red (86%)
- Yellow (0%)
- Blue (76%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)
- Black (14%)





- Cyan (14%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0637, 19.0002, 53.2383 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 39.0637, 19.0002, 53.2383 by changing the saturation by 10% instead.


 39.0637, 19.0002,
53.2383


 39.0637, 19.0002,
53.2383

333.3637,
246.4499, 416.2909


 26.9902, 11.6704,
37.6040


 73.0291, 41.7344,
96.4000


 17.7024, 6.5197,
25.3761


 95.6517, 57.9077,
124.7646


 10.8350, 3.1636,
16.1359


 122.5214, 77.7975,
158.2096

 6.0224, 1.2177,
9.4650

 154.0035,
101.7884, 197.1536

 2.8995, 0.0761,
4.9448

 190.4635,
130.2647, 242.0152

 1.1008, 0.0000,
2.1567

 232.2666,

 0.0258, 0.0000,

163.6108, 293.2130

0.6492

279.7782,
202.2110, 351.1653

■ 0.0000, 0.0000,
0.0000

■ 39.0637, 19.0002,
53.2383

■ 39.0637, 19.0002,
53.2383

■ 39.0635, 19.0001,
53.2361

■ 39.6234, 19.6812,
54.7749

■ 40.5104, 21.0103,
56.4422

■ 41.8312, 23.1999,
58.2757

■ 43.6452, 26.3689,
60.2955

■ 46.0027, 30.6177,
62.5184

■ 48.9475, 36.0342,
64.9591

■ 52.5192, 42.6971,
67.6308

■ 56.7537, 50.6784,
70.5457

■ 61.6843, 60.0448,
73.7149

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.6653, 19.0002, 99.3865



39.0637, 19.0002, 53.2383



42.3009, 19.0002, 17.9705

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.0637, 19.0002, 53.2383



17.0835, 19.0002, 0.0000



6.8837, 19.0002, 63.0421

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.0637, 19.0002, 53.2383



25.4974, 50.7298, 9.3142

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5.4788, 19.0002, 23.6665



39.0637, 19.0002, 53.2383



9.9603, 19.0002, 0.5847

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.0637, 19.0002, 53.2383



27.3330, 19.0002, 0.2161



6.3744, 19.0002, 5.1641



11.1633, 19.0002, 107.7116

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.0637, 19.0002, 53.2383



39.8594, 19.0002, 6.4023



6.3744, 19.0002, 5.1641



6.1413, 19.0002, 47.9719

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.0644, 19.0011, 53.2387



73.9892, 59.9918, 95.3644



13.1161, 5.2852, 67.3472



15.3563, 11.9417, 20.0607



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.0644, 19.0011, 53.2387



55.1120, 26.8088, 74.9789



30.9599, 15.7593, 10.5609



13.5497, 13.2490, 16.1559



23.1878, 11.2761, 31.6985



1.5202, 0.7377, 2.1481

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39.0644, 19.0011, 53.2387



55.1120, 26.8088, 74.9789



29.4571, 52.3136, 30.1657



13.5497, 13.2490, 16.1559



23.1878, 11.2761, 31.6985



1.5202, 0.7377, 2.1481

Previews

White Background



This preview shows how the XYZ color 39.0637, 19.0002, 53.2383 looks on a white background.

Color Contrast Check

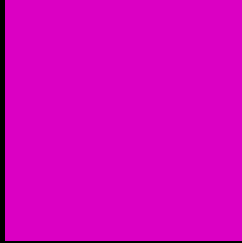
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 39.0637, 19.0002, 53.2383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

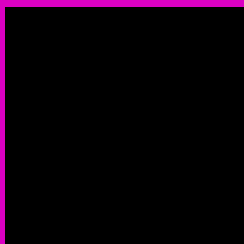
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0637, 19.0002, 53.2383

Background



This preview shows how black text looks on a background with the XYZ color 39.0637, 19.0002, 53.2383.



This preview shows how white text looks on a background with the XYZ color 39.0637, 19.0002,

53.2383.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.0637, 19.0002, 53.2383

Protanopia

23.7338, 19.8590, 93.0247

Deuteranopia

20.2261, 19.7709, 47.5499



Tritanopia

30.1515, 19.3117, 9.9230

Trichromacy



Original Color

39.0637, 19.0002, 53.2383



Protanomaly

20.1073, 12.4508, 76.2064



Deuteranomaly

22.5092, 14.6121, 48.6478



Tritanomaly

31.7625, 17.5988, 20.1352

Monochromacy



Original Color

39.0637, 19.0002, 53.2383



Achromatopsia

9.2757, 9.7587, 10.6273



Achromatomaly

15.3983, 9.5949, 21.1191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0637, 19.0002, 53.2383 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(219, 0, 195)` looks like.

```
.text, #text, p{  
    color:rgb(219, 0, 195)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 0, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 0, 195) }
```

Border

The CSS property to change the border of an element to XYZ 39.0637, 19.0002, 53.2383 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 0, 195) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(219, 0, 195) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(219, 0, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 0, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 0, 195);  
box-shadow:4px 4px 4px 4px rgb(219, 0,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0637, 19.0002, 53.2383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 0, 195) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219, 0,  
195) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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